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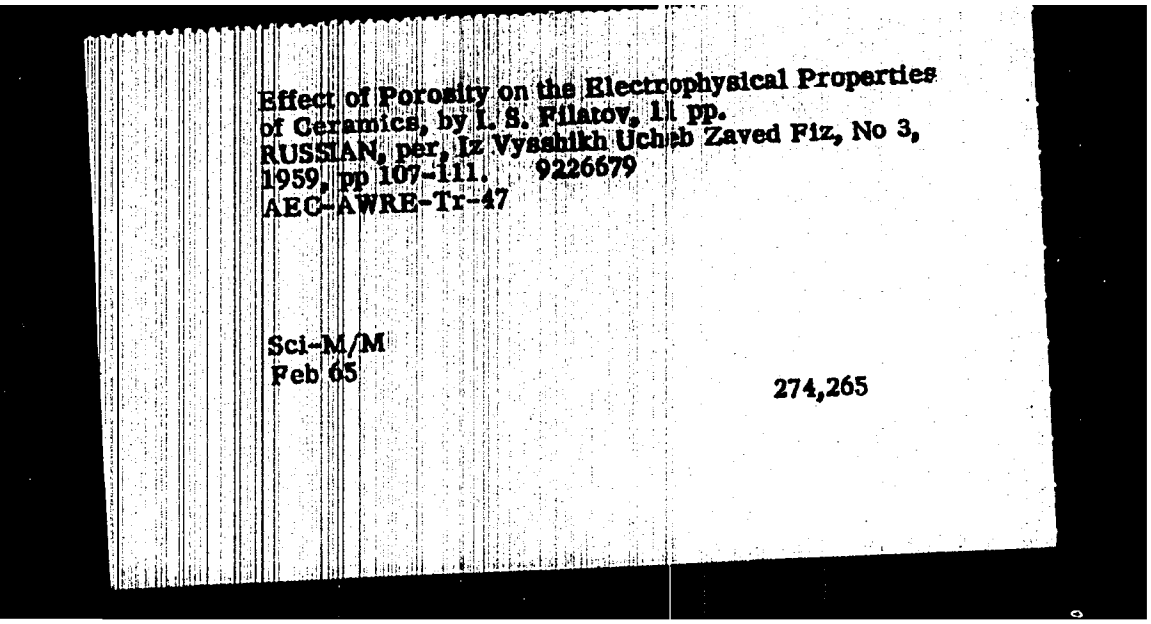

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Feb 65

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AEI T/1506

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MDF K-207

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ACSI H-9297
ID 2170448

Sci - Phys
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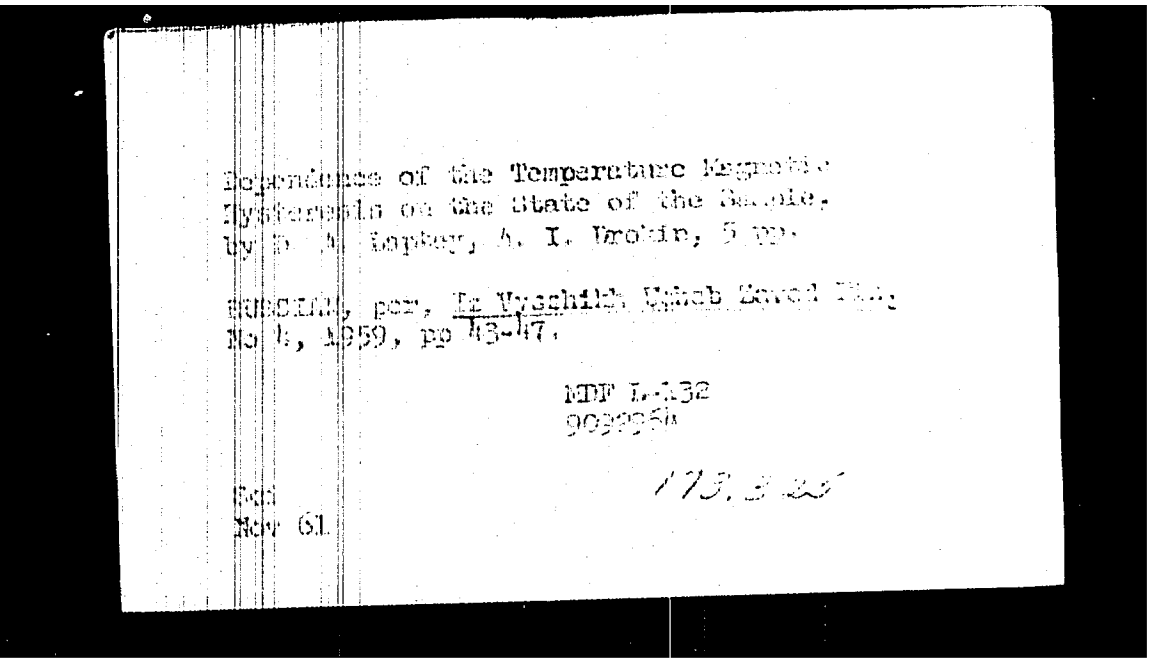

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MDF I-132
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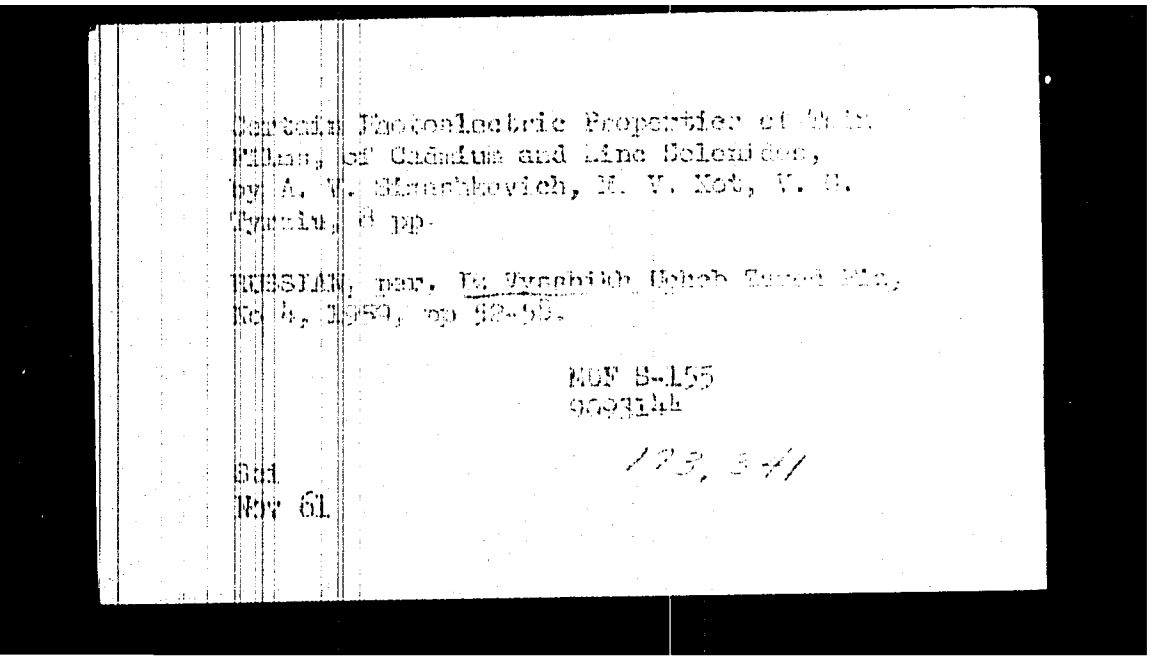

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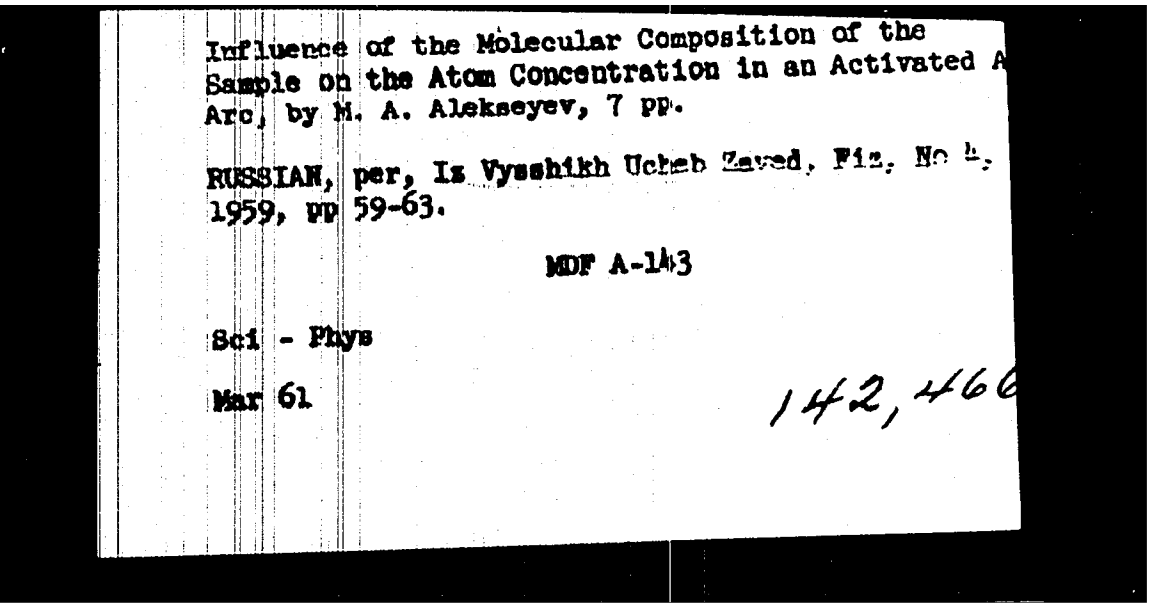

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MDF A-143

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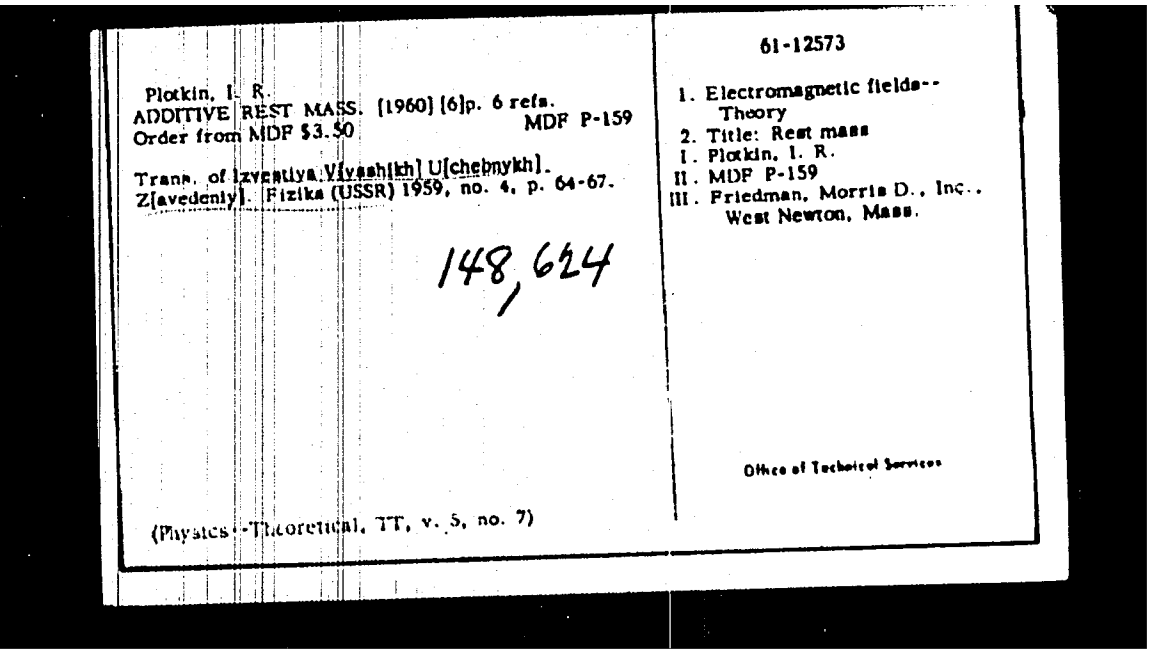

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148,624

(Physics--Theoretical, TT, v. 5, no. 7)

61-12573

1. Electromagnetic fields--Theory
2. Title: Rest mass
I. Plotkin, I. R.
II. MDF P-159
III. Friedman, Morris D., Inc., West Newton, Mass.

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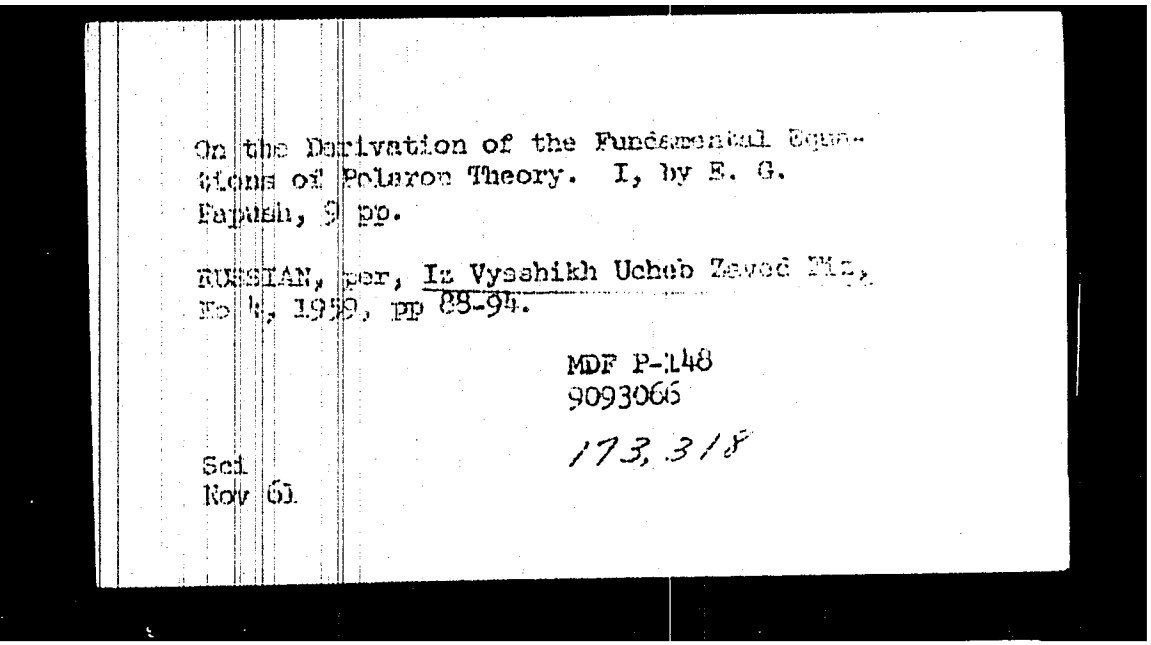

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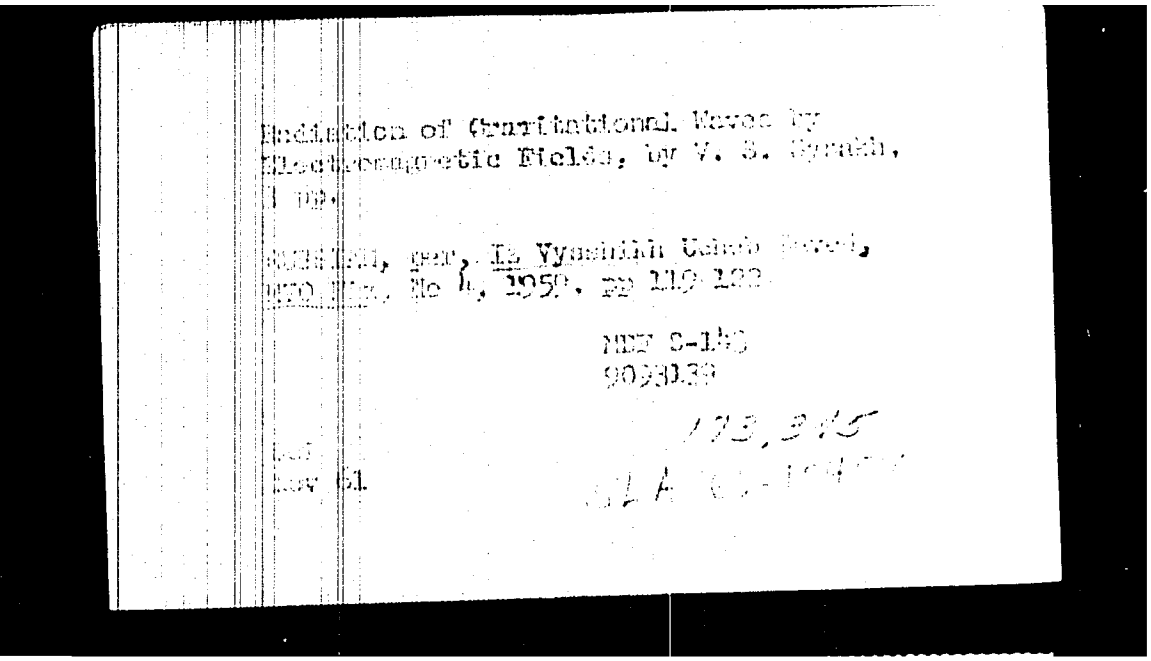

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ATS 60-4653

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JPRS 23510

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AEI T/1567

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*ATIC MCL-690/III

AEC NP-TR-497

Sci - Min/Metals
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Jul 60

APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130030-8

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Oct 60

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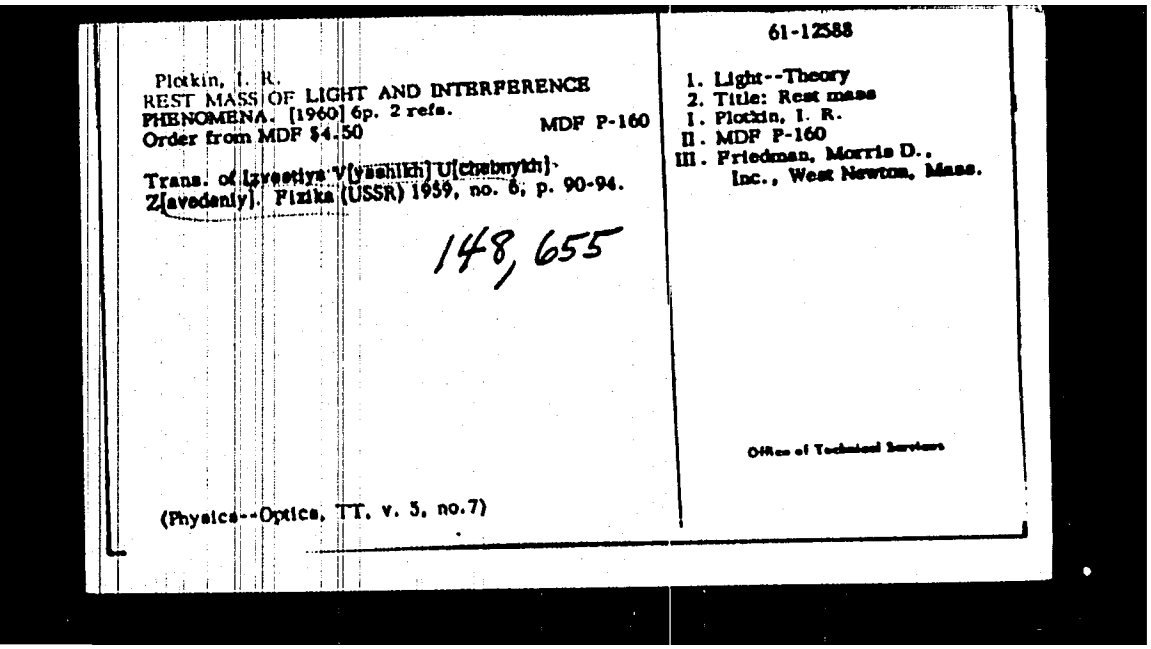

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148,655

(Physics--Optics, TT, v. 3, no.7)

61-12588

1. Light--Theory
2. Title: Rest mass
I. Plotkin, I. R.
II. MDF P-160
III. Friedman, Morris D., Inc., West Newton, Mass.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130030-8

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ACSI H-9298
ID 2160449

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ID 2156387

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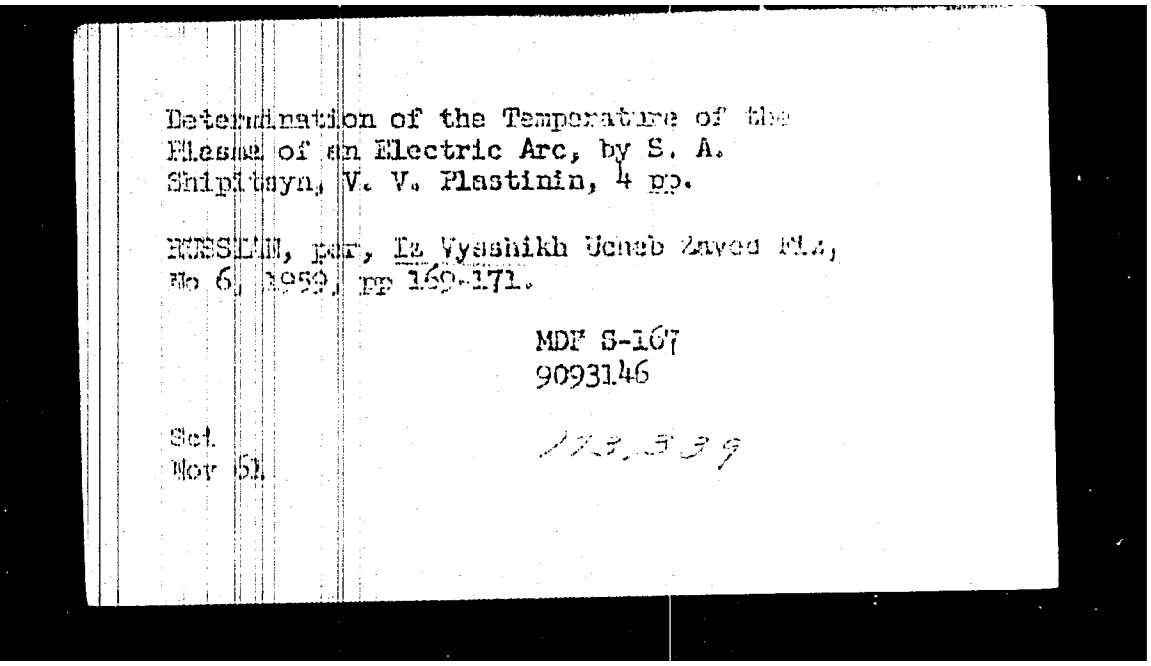

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MDF S-167
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Nov 61

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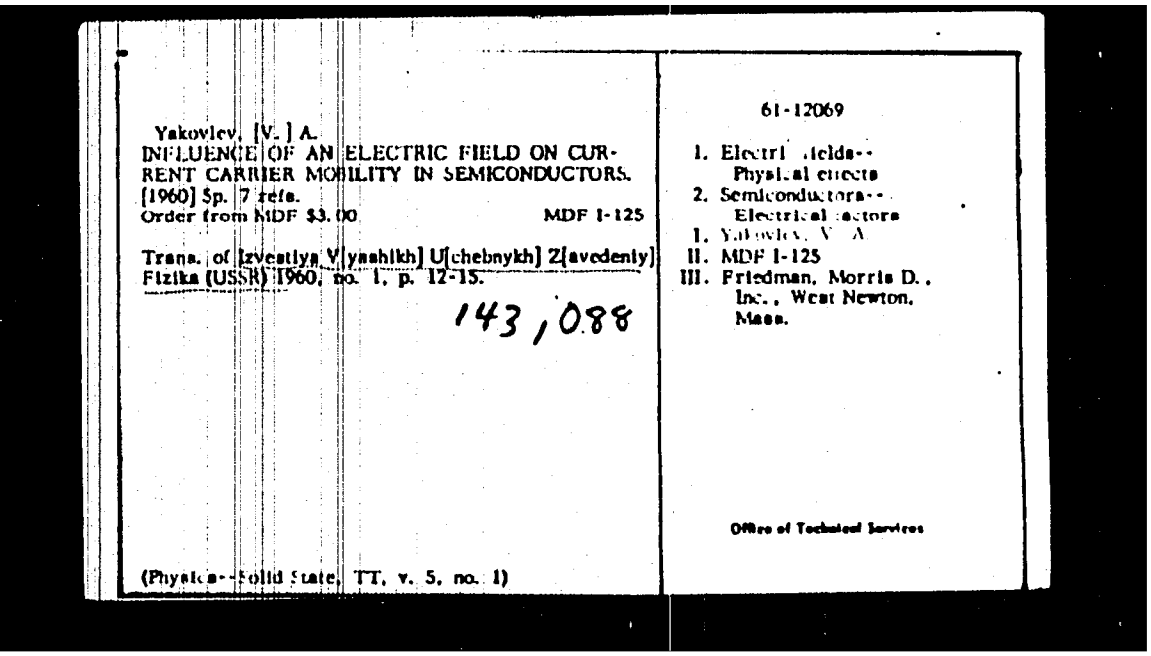

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(Physics--Solid State, TT, v. 5, no. 1)

61-12069

1. Electri fields--Physical effects
2. Semiconductors--Electrical factors
I. Yakovlev, V. A.
II. MDF 1-125
III. Friedman, Morris D., Inc., West Newton, Mass.

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ACSI H-9231
ID 2166473

Sci - Phys
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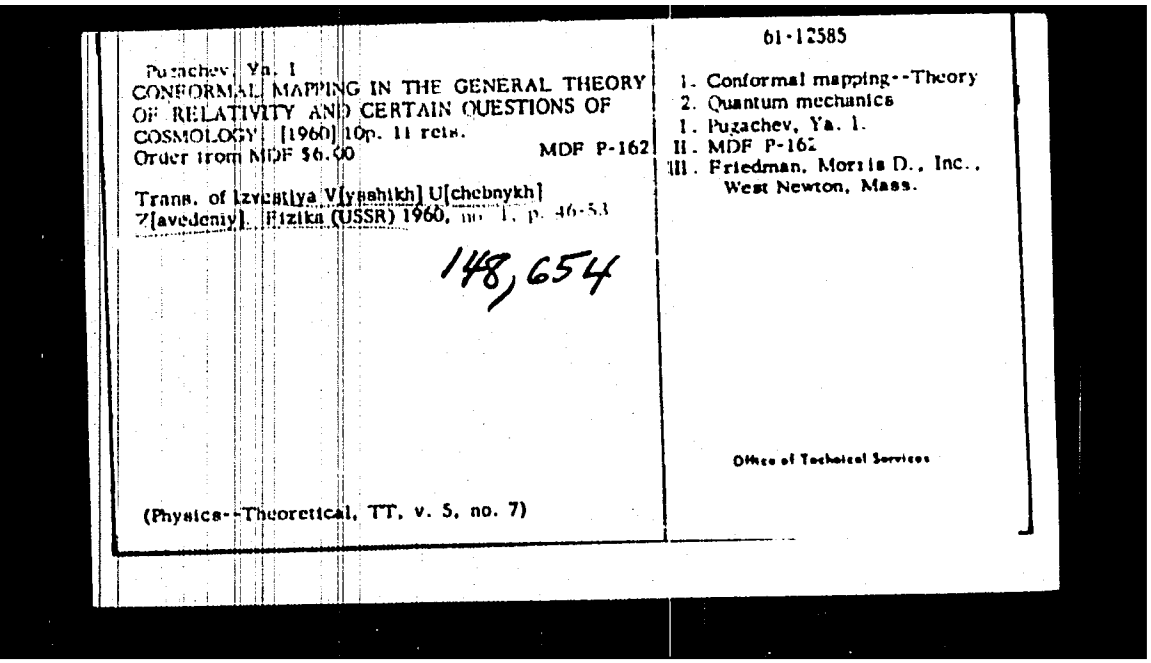

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148,654

(Physics--Theoretical, TT, v. 5, no. 7)

61-12585

1. Conformal mapping--Theory
2. Quantum mechanics
I. Pugachev, Ya. I.
II. MDF P-162
III. Friedman, Morris D., Inc., West Newton, Mass.

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APPROVED FOR RELEASE: Wednesday, May 29, 2002 CIA-RDP91-00772R000201130030-8

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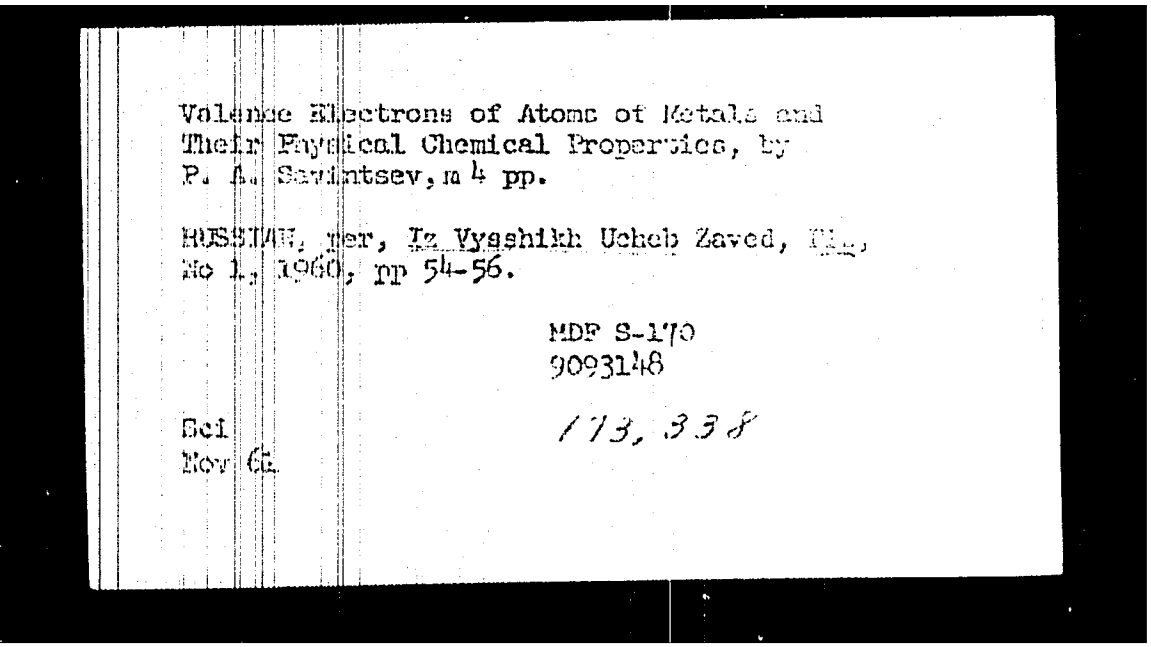

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MDF S-170
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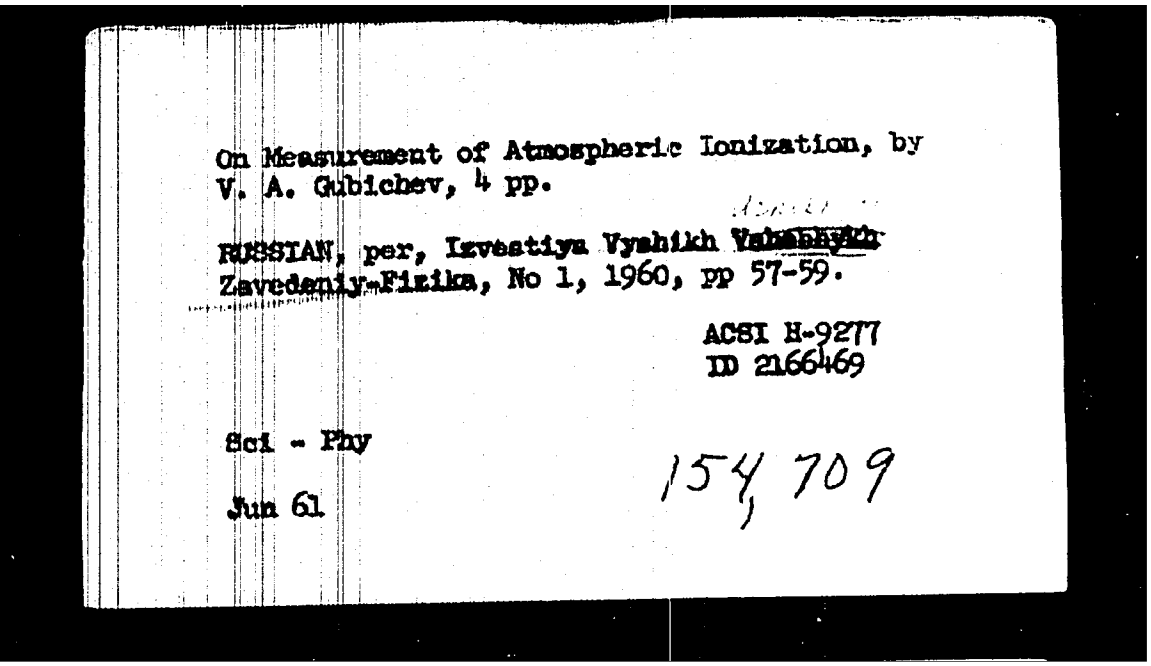

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ACSI H-9277
ID 2166469

Sci - Phy

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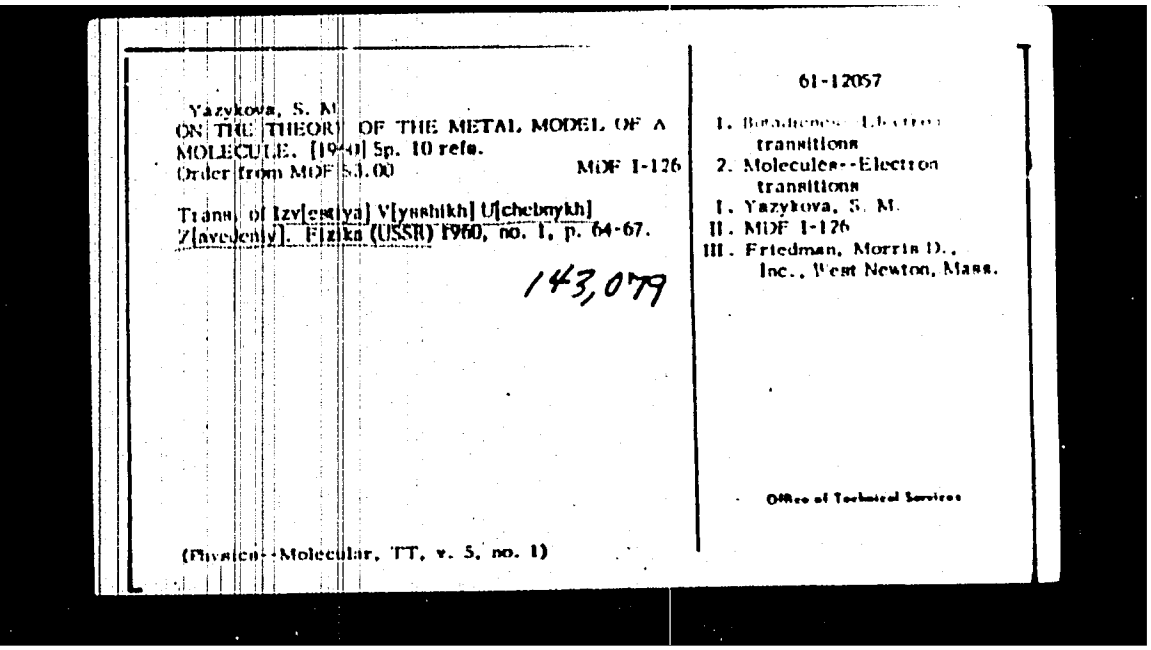

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143,079

(Physics--Molecular, TT, v. 5, no. 1)

61-12057

1. Broadness--Electron transitions
2. Molecules--Electron transitions
I. Yazykova, S. M.
II. MDF I-126
III. Friedman, Morris D., Inc., West Newton, Mass.

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143,303

(Physics--Solid State, TT, v. 5, no. 4)

61-12257

1. Semiconductors--Analysis
2. Electrons--Motion
3. Electric fields--Intensity
I. Ryabinkin, Yu. S.
II. Title: Formulation...
III. MDF R-122
IV. Friedman, Morris D., Inc., West Newton, Mass.

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ACSI H-9279
ID 2166471

Sci - Phys
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FTD-TT-62-1282

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MDF K-233
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CFSTI 62-11462
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Influence of Copper and Cobalt Admixtures of the Characteristics of Nickel Chromium Ferrites, by A. S. Khlystov, G. A. Petrakovskiy, 8 pp.

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ARSI H-9280
ID 2166472

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FDD X-4492

Sci - Electronics

Nov 60

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CIA/FDD XX-1174
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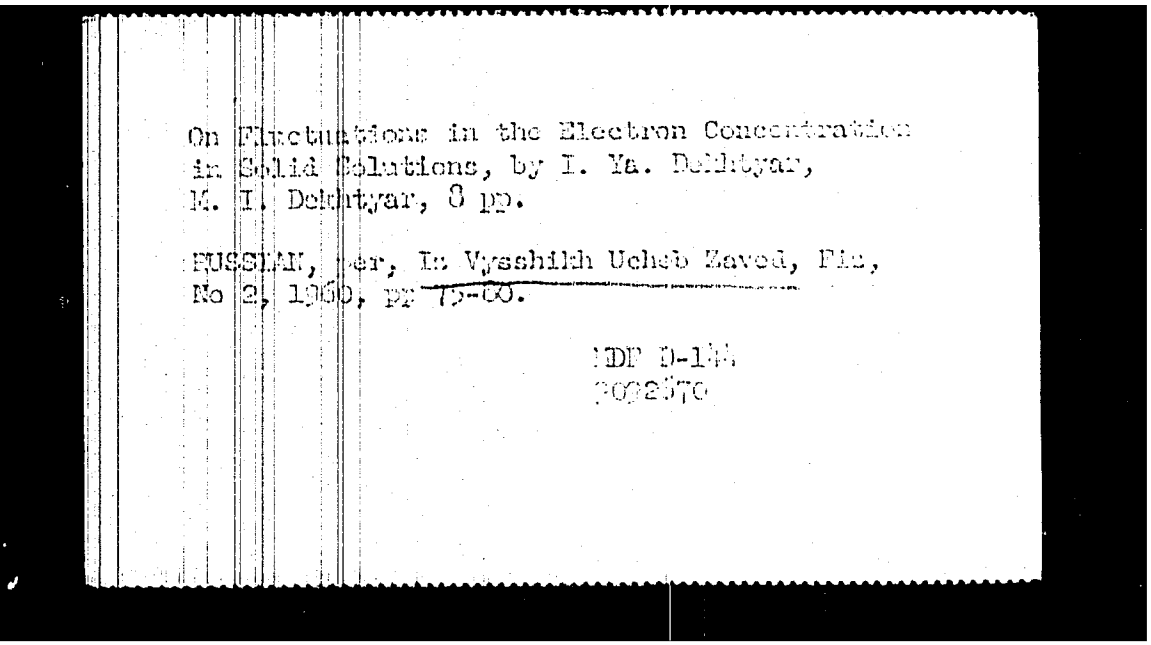

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IDF D-144
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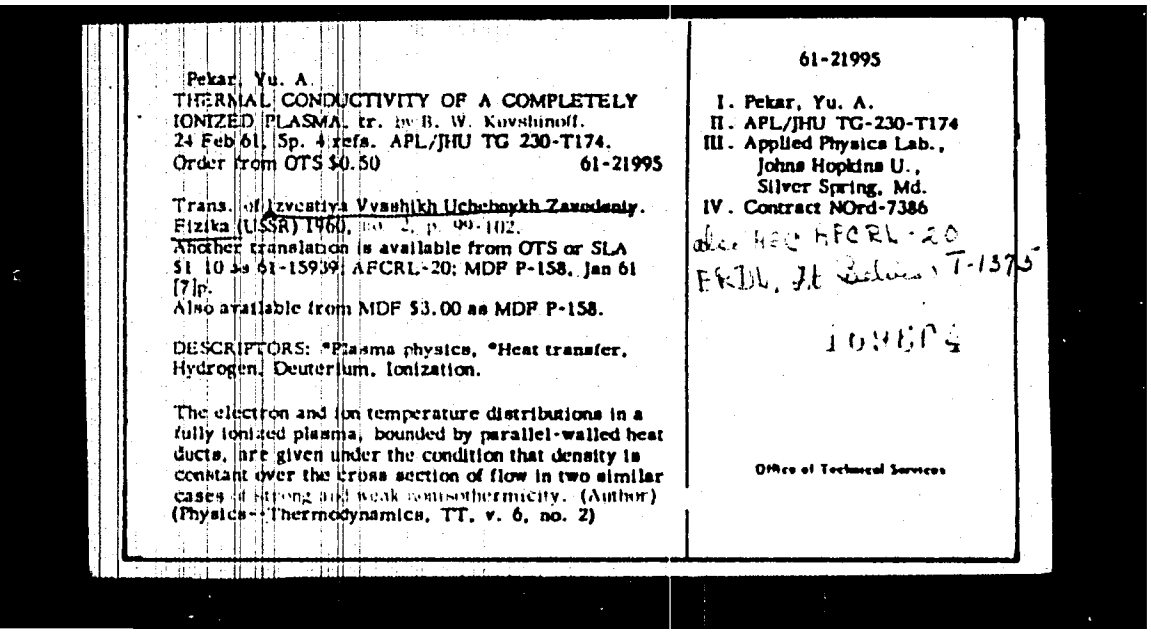

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Order from OTS $0.50 61-21995

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Another translation is available from OTS or SLA $1.10 as 61-15939; AFCRL-20; MDF P-158, Jan 61 [7]p.
Also available from MDF $3.00 as MDF P-158.

DESCRIPTORS: *Plasma physics, *Heat transfer, Hydrogen, Deuterium, Ionization.

The electron and ion temperature distributions in a fully ionized plasma, bounded by parallel-walled heat ducts, are given under the condition that density is constant over the cross section of flow in two similar cases of strong and weak nonisothermicity. (Author)
(Physics--Thermodynamics, TT, v. 6, no. 2)

61-21995

I. Pekar, Yu. A.
II. APL/JHU TG-230-T174
III. Applied Physics Lab., Johns Hopkins U., Silver Spring, Md.
IV. Contract NOrd-7386

Also Req AFCRL-20
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MDF K-231
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OTS 62-11413

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FTD-TT-65-1467

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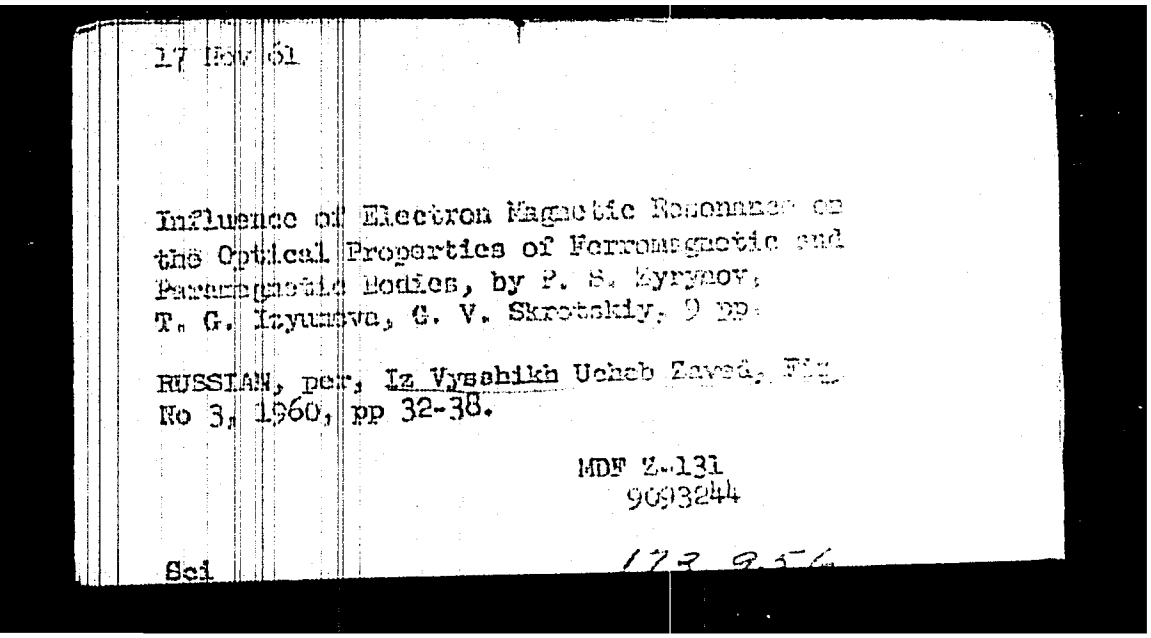

17 Nov 61

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MDF Z-131
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THE INFLUENCE OF THE ADDITIONS OF ALKALI METAL OXIDES UPON THE ELECTRIC CONDUCTIVITY OF ALKALI-FREE GLASSES (Vliyanie Dobavok Oksidov Shchelochnykh Metallov na Elektroprovodnost' Beshchelochnykh Stekol). [1963] 28p] (foreign text included) 17refs
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Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) 1960, no. 3, p. 43-51. (Abstract available)

DESCRIPTORS: *Glass, *Electrical conductance, *Alkali metal compounds, *Oxides, Resistance (Electrical), Calcium compounds, Barium compounds, Lead compounds, Heat of activation.

The introduction into alkali-free glasses, which contain the oxides of bivalent metals (CaO, BaO, PbO) (Materials--Ceramics, TT, v. 11, no. 9) (over)

TT-64-10580

I. Mazurin, O. V.
II. Lev, E. Ya.

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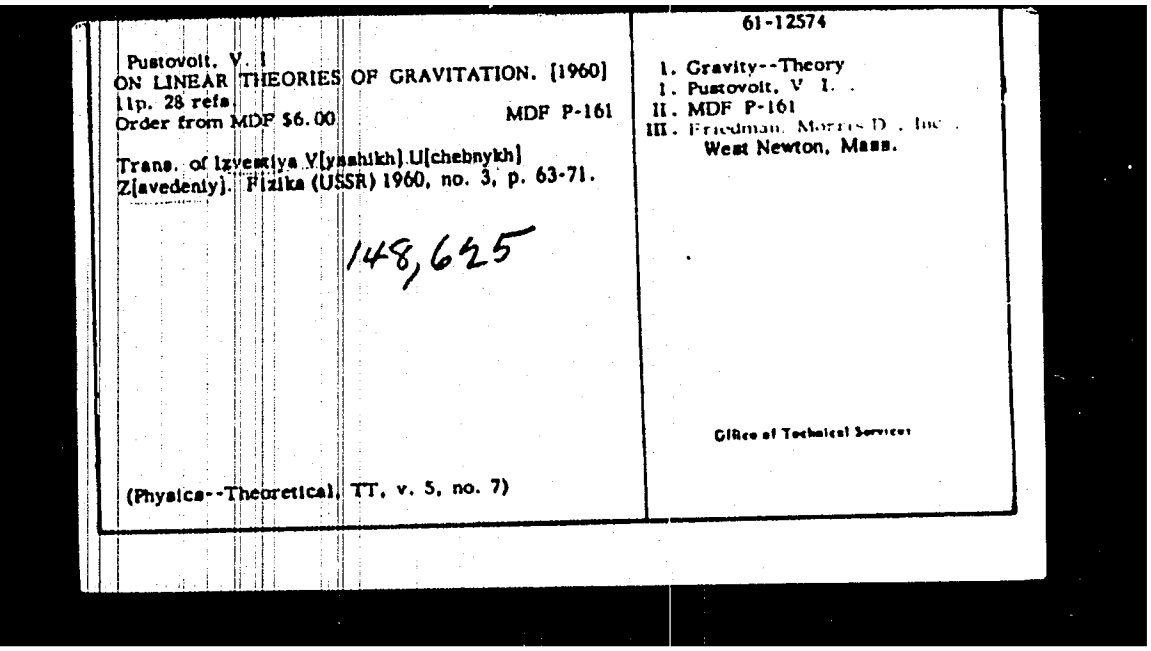

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Order from MDF $6.00 MDF P-161

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148,625

(Physics--Theoretical, TT, v. 5, no. 7)

61-12574

1. Gravity--Theory
I. Pustovoit, V. I.
II. MDF P-161
III. Friedman, Morris D., Inc.,
West Newton, Mass.

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ATIC MCL-886/1

Sci - Phys

Jul 61

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ACSI R-9534
ID 2170492

8c1 - Electronics
Aug 61

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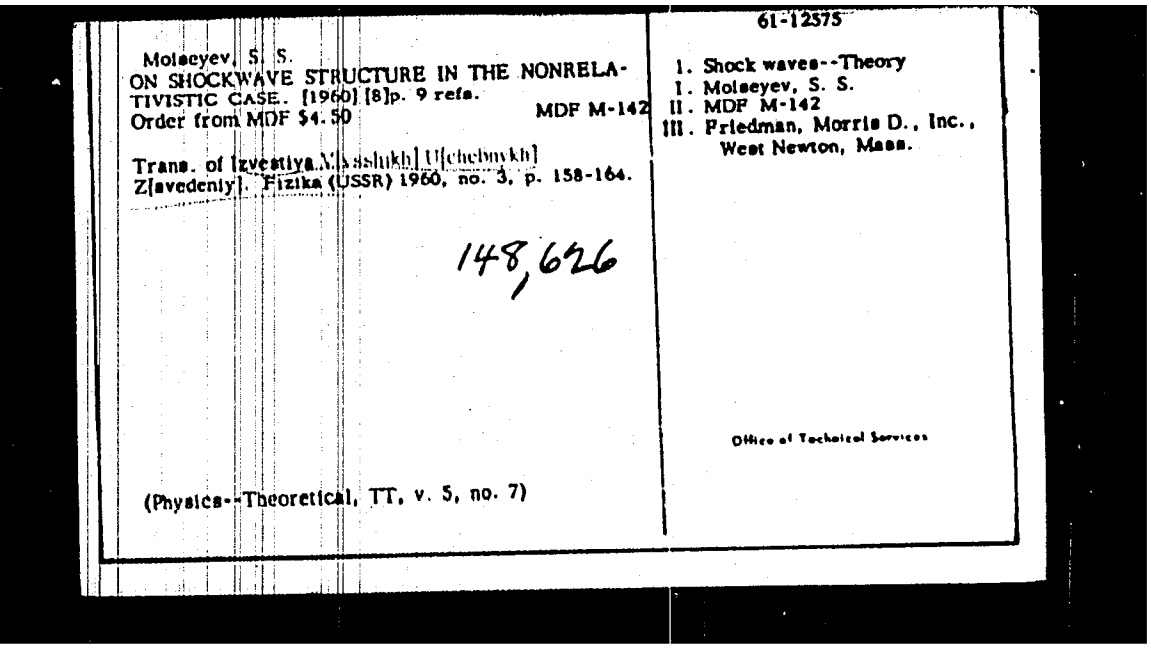

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148,626

(Physics--Theoretical, TT, v. 5, no. 7)

61-12575

1. Shock waves--Theory
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JPRS 2[illegible]509

Sci-Mat & Met
Mar 64

251,520

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MDF K-237
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53

Sci

Nov 61

OTS- 62-11457

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AEC-Tr-5177

Sci - Phys, Min/Met
Sep 62

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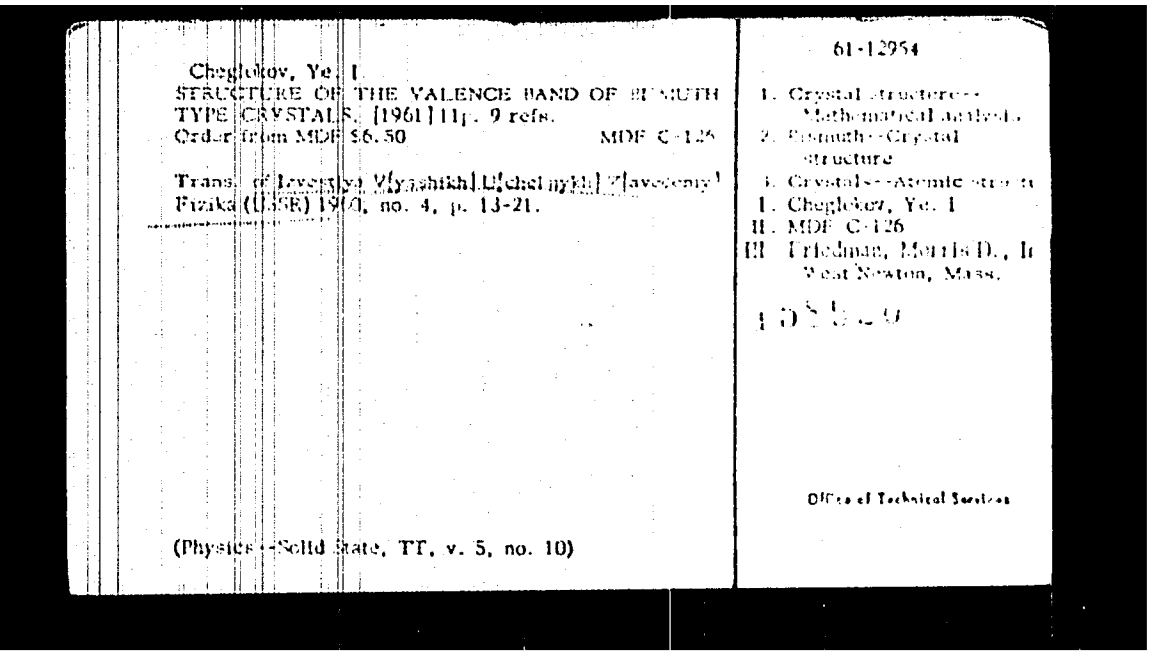

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STRUCTURE OF THE VALENCE BAND OF BISMUTH TYPE CRYSTALS. [1961] 11p. 9 refs.
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Trans. of Leningrad. Politekhnicheskiy Institut. Zhurnal Tekhnicheskoy Fiziki (USSR) 1960, no. 4, p. 13-21.

(Physics--Solid State, TT, v. 5, no. 10)

61-12954

1. Crystal structure--Mathematical analysis
2. Bismuth--Crystal structure
3. Crystals--Atomic structure
I. Chegloker, Ye. I
II. MDF C-126
III. Friedman, Morris D., Jr. West Newton, Mass.

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MDF I-137
9092968

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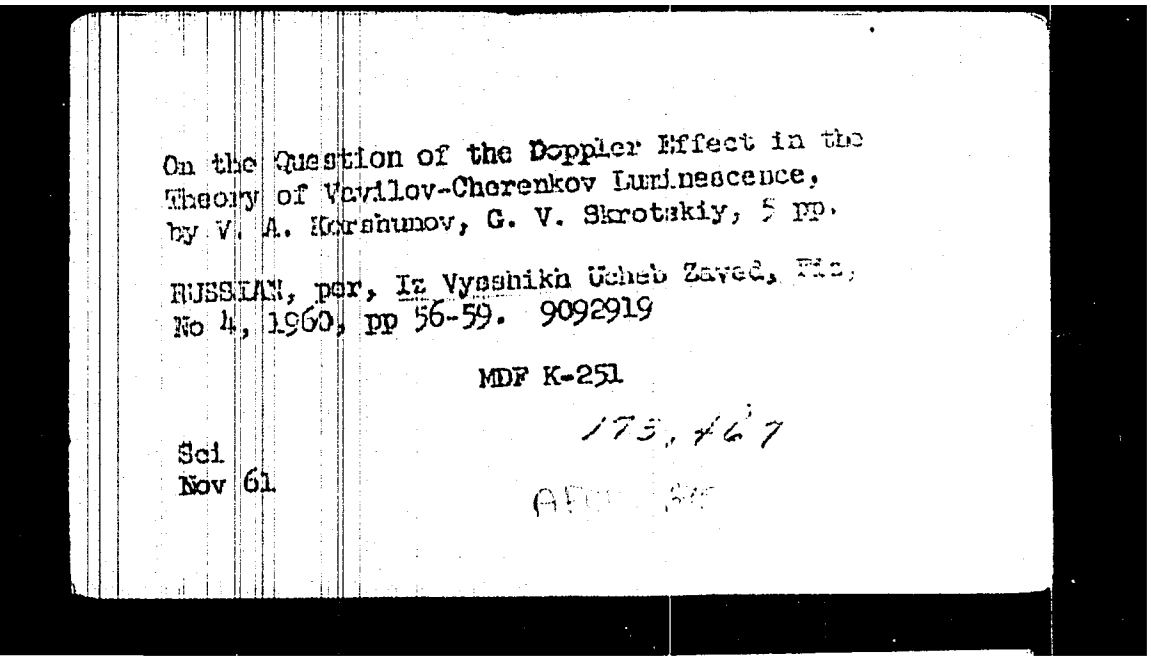

On the Question of the Doppler Effect in the Theory of Vavilov-Cherenkov Luminescence, by V. A. Korshunov, G. V. Skrotskiy, 5 pp.

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MDF K-251

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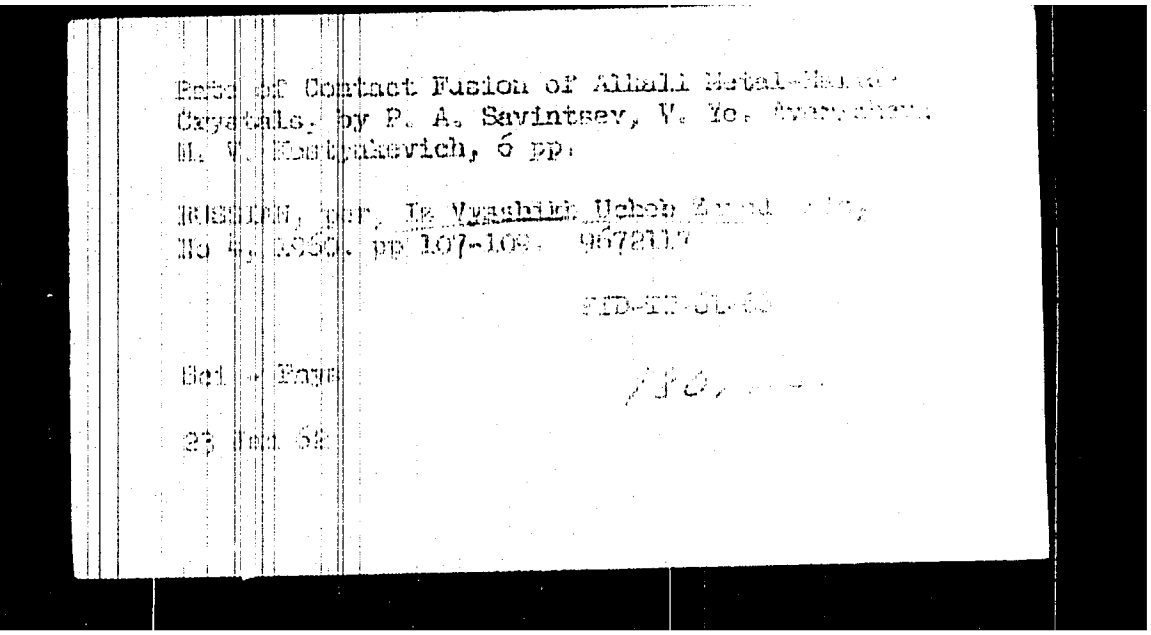

Effect of Contact Fusion of Alkali Metal-[illegible]
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[illegible], ser. Iz Vyashch Ucheb Zaved [illegible],
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FTD-TT-61-[illegible]

Rel. - Engl

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23 Jan 62

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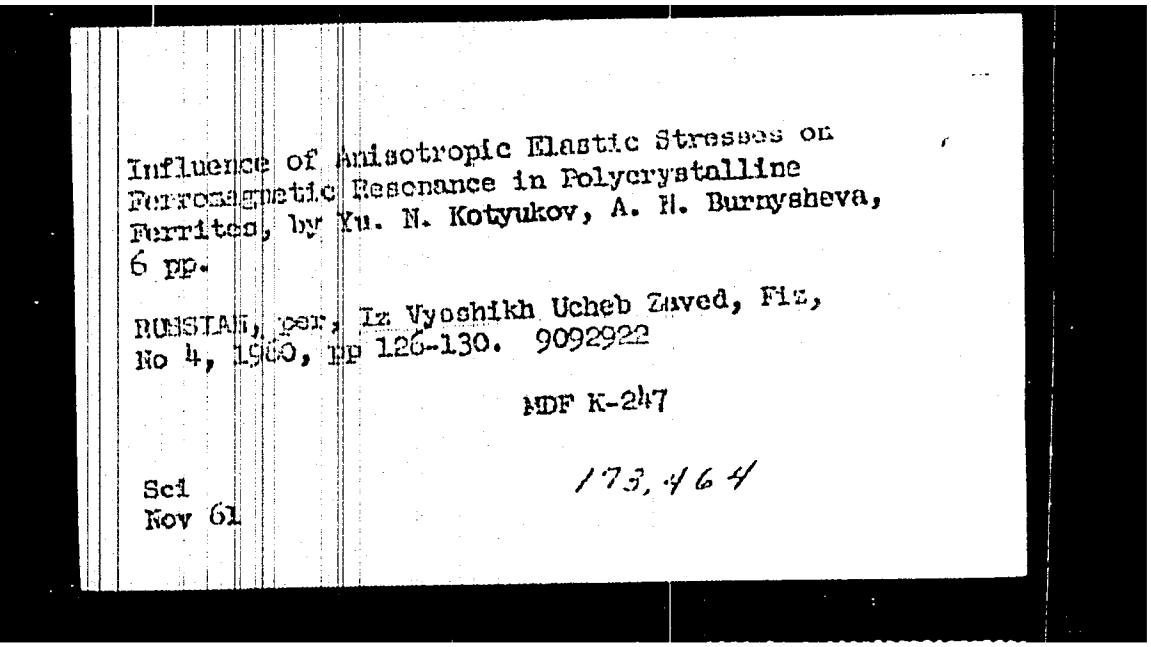

Influence of Anisotropic Elastic Stresses on Ferromagnetic Resonance in Polycrystalline Ferrites, by Yu. N. Kotyukov, A. N. Burnysheva, 6 pp.

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MDF K-247

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Dependence of the Line Intensity in an Arc Discharge Spectrum on the Current Strength, by Ya. D. Raikhbaum, V. D. Malykh, 7 pp.

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FTD MCL-1259/1

Sci - Phys

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25 Oct 61

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Kinetics of Photoconductivity of Layers of Amorphous Selenium Treated With Mercury Vapors, by M. I. Korsunskiy, N. S. Pastushuk, G. D. Mokhov, 11 pp.

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OTS 63-16577

CIA FDD XX-1331
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Sci - Phys
6 Mar 1963
USIB INTERNAL USE ONLY 223,993

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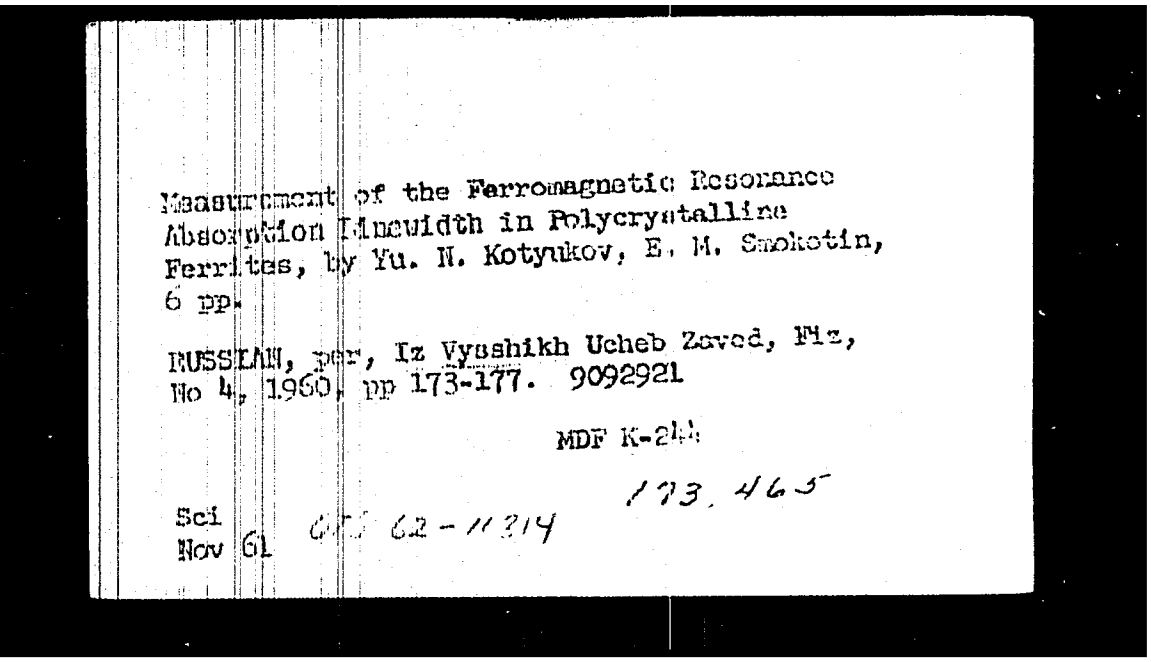

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MDF K-244

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Sci Nov 61 62-11314

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MDF K-245
9092854
15 Pages

Sci

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OTS 62-11310

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BISI 2828

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MDF V-152
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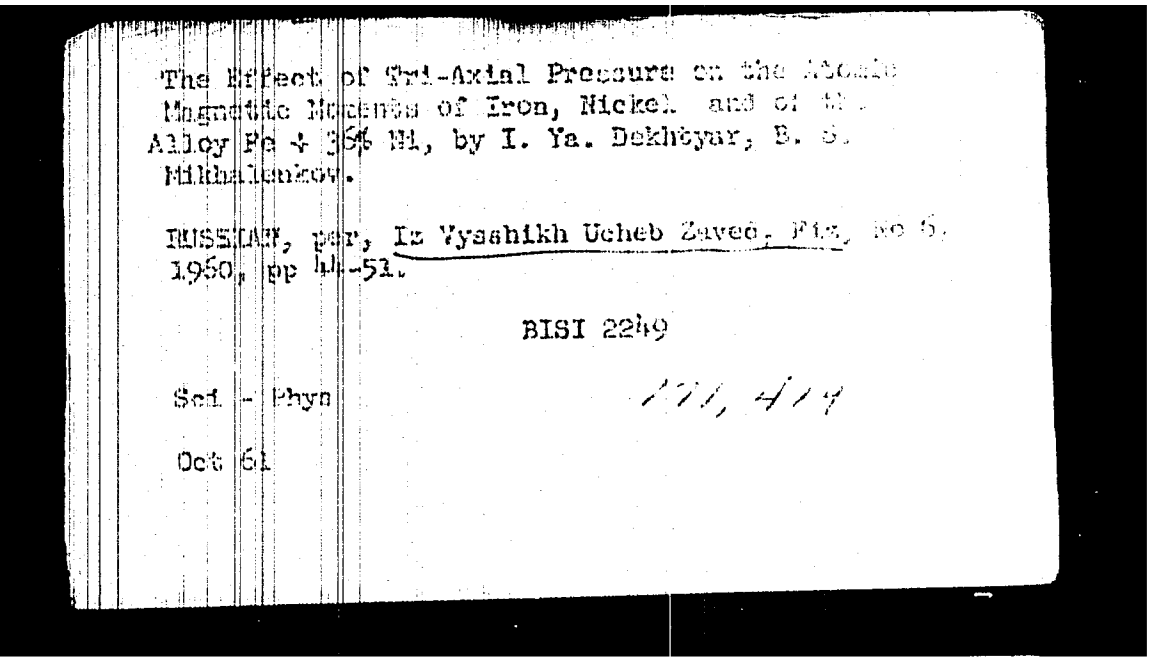

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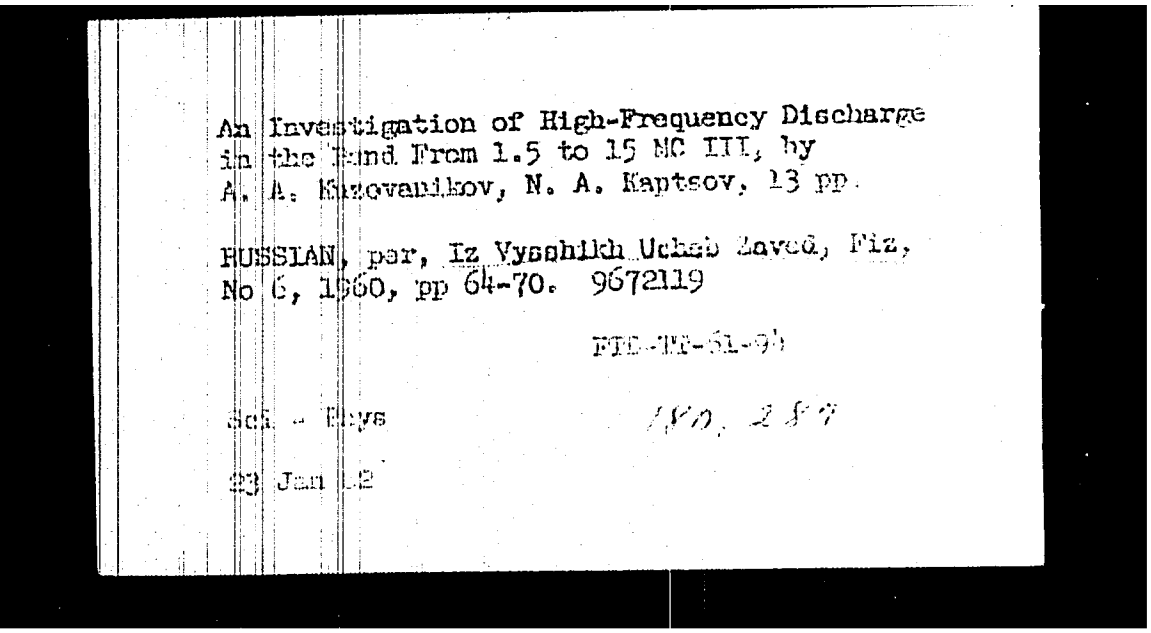

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Dekhtyar, I. Ya. and Madatova, E. G.
INTERACTION BETWEEN THE MAGNETIC (DOMAIN) AND DISLOCATION STRUCTURE IN FERROMAGNETS. [1962] 11p. 5 refs.
Order from OTS or SLA $1.60 62-10615

Trans. of Izv[estiya] V[ysshikh] U[chebnykh] Z[avedenii]. Fizika (USSR) 1961, no. 1, p. 63-70.

DESCRIPTORS: Ferromagnetism, *Magnetic materials, Metals, Dislocations, Crystal structure, Annealing, Temperature, Theory, *Coercimeters.

In conformance with modern theories of coercive force and under the assumption that dislocation-type defects in the crystalline structure are formed during high-temperature quenching in a metal, there is analyzed their interaction with the domain structure. A computation of the dependence of the coercive force on the time of low-temperature annealing is in good agreement with experimental results. A computation
(Physics--Magnetism, TT, v. 8, no. 9) (over)

62-10615

I. Dekhtyar, I. Ya.
II. Madatova, E. G.

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4 May 62

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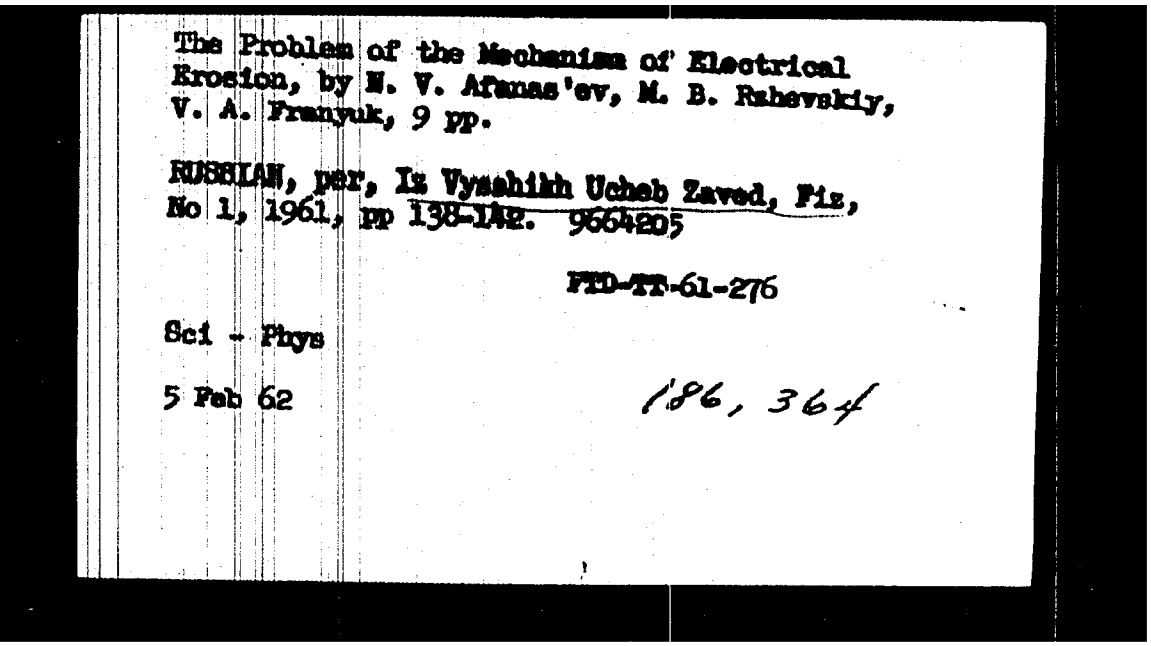

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AD-262336

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JPRS 20660

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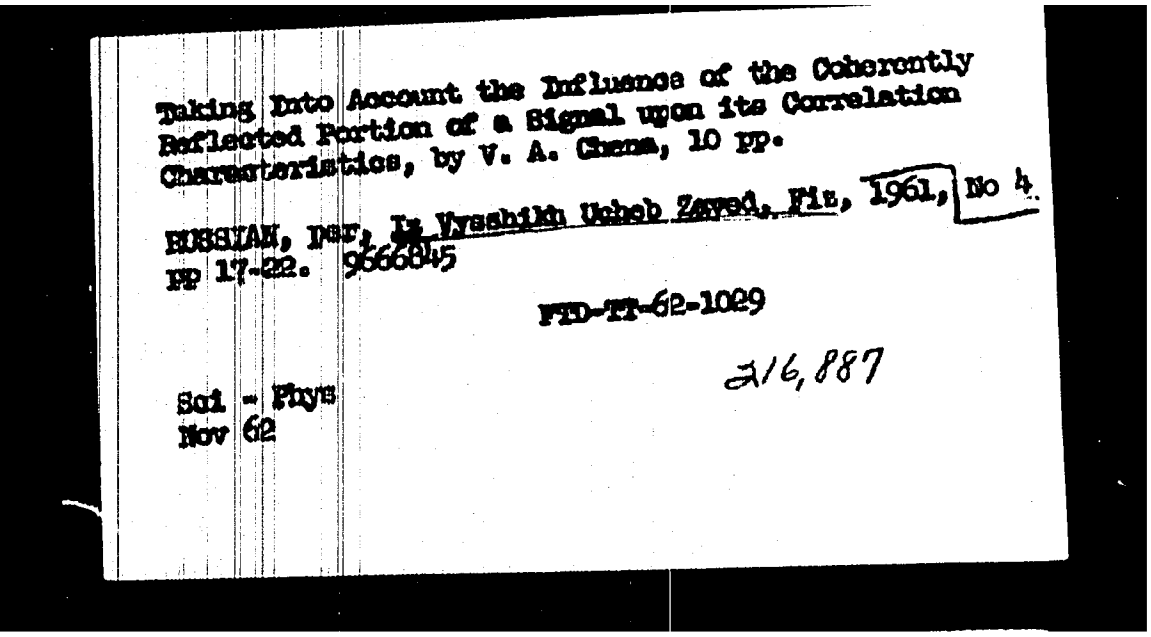

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FTD-TT-62-1029

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FTD-TT-62-323

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